

21
B2
C2
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for the heat stable enterotoxin II (STII) [from] of E. coli [is] operably linked to a nucleotide
sequence which codes for mature interferon- α , and

(b) isolating the expressed interferon- α .

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Claim 4 (Amended) The method of claim 1 wherein said isolating step comprises the
steps of:

- B3
- (a) performing chromatography on silica gel;
 - (b) performing hydrophobic interaction chromatography;
 - (c) performing cation exchange chromatography; and
 - (d) performing anion exchange chromatography.

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In claim 5, l. 2, please delete "sepharose" and insert therefor --SephacroseTM--.

In-claim 7, l. 2, please delete "sepharose" and insert therefor --SephacroseTM--.

In claim 9, ll. 1-2, please delete "consists essentially of" and insert therefor --comprising--.

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B4
C2
Claim 17. (Amended) A vector for expressing interferon- α in E. coli, comprising a DNA
molecule coding for the signal [sequence] peptide of the heat stable enterotoxin II (STII) of E.
coli [STII gene] operably linked to a DNA molecule which codes for mature human interferon- α .

Entry of the above Amendments are respectfully requested.

Respectfully submitted,

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